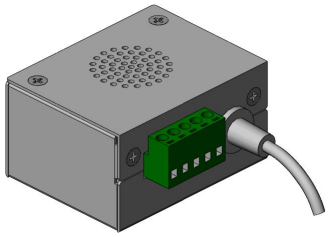
MINUTEMAN®
Power Technologies
From Para Systems, Inc.

# ENV PROBE
# USER MANUAL



## INTRODUCTION

This ENV Probe is an option for the SNMP-NET card that supports temperature and humidity and has 4 contact closure inputs for monitoring environmental status such as smoke, fire, water, and security alarms.

Features:

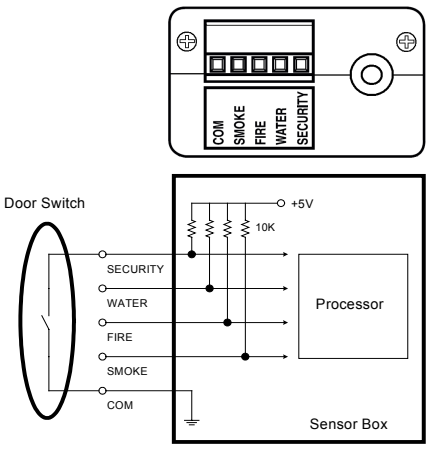
- Environmental temperature and humidity monitoring.
- Attaches up to 4 contact closure inputs for monitoring other environmental devices.
- Allows remote monitoring through network.

## SPECIFICATIONS

| | |
|---|---|
| **Size Net (L x W x H)** | 2.6" x 2.0" x 1.4" |
| **Weight Net** | 0.50 lbs |
| **Temperature Measurement** | 0 ~ 65° C<br>32 ~ 149° F |
| **Humidity Measurement** | 20 ~ 90 % |
| **Power Input** | 12V DC |
| **Power Consumption** | 400 mw |

### 4 INPUT CONTACT CLOSURES

| | |
|---|---|
| **Pin-1** | COM |
| **Pin-2** | SMOKE |
| **Pin-3** | FIRE |
| **Pin-4** | WATER |
| **Pin-5** | SECURITY |

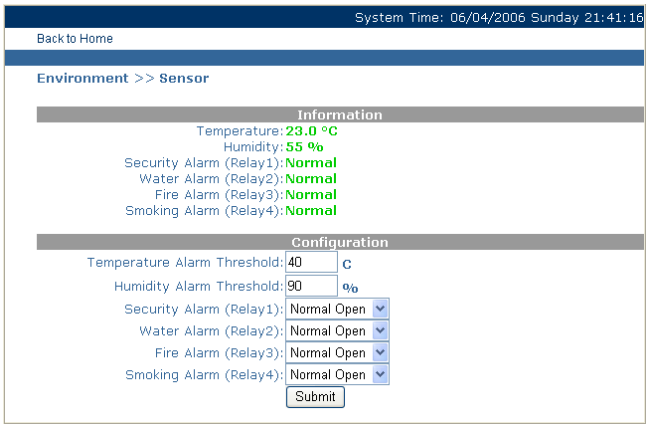



## INSTALLATION

1. Set the SNMP-Net card's dipswitches to SW1-ON, SW2-OFF to enable the ENV Probe (see the SNMP-NET user's manual).
2. Plug the ENV Probe's cable into your SNMP-NET card's console port.
3. Simply open a web browser, and connect to the SNMP-NET card and then click on the "Sensor" menu to monitor the ENV Probe's status.

## CONFIGURATION

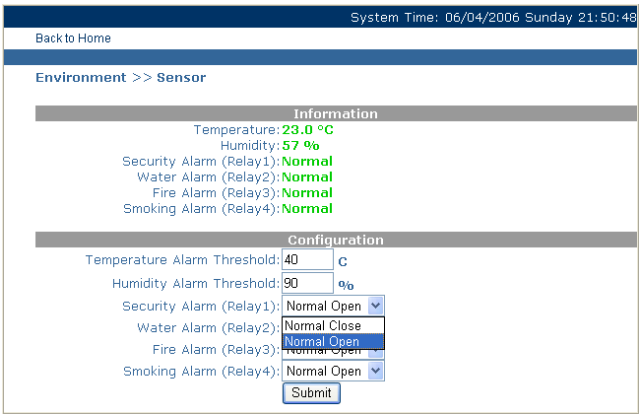
1. Open a web browser and then connect to the SNMP-NET card.
2. Click on the "Sensor" menu to display the ENV Probe's page.



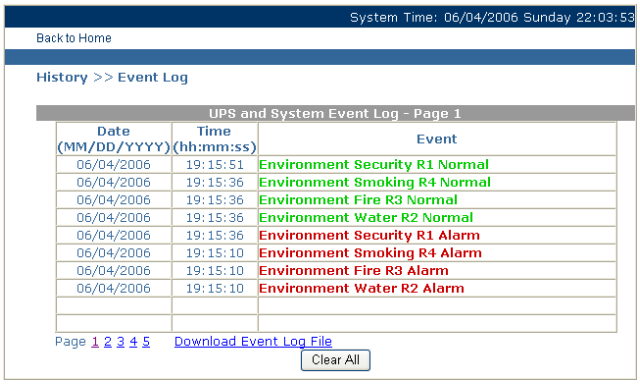

3. Change the values in the Temperature Alarm Threshold and Humidity Alarm Threshold, and then click on the Submit button to update the changes.
   **If the temperature or humidity exceeds the alarm threshold, the event will be displayed in red on the Event log page. The ENV Probe can be configured to send an SNMP trap to the assigned target hosts.**

## NORMAL OPEN/CLOSE FOR INPUT CONTACT CLOSURE

1. Open a web browser and then connect to the SNMP-NET card.
2. Click on the "Sensor" menu to display the ENV Probe's page.
3. Select normal open or normal close for each of the 4 options, and then click on the Submit button to update the changes.



**If an alarm for one of the 4 input contact closures occurs, the alarm will be displayed in red on the Event log page. The 4 input contact closures can be configured to send an SNMP trap to the assigned target hosts.**


System Time: 06/04/2006 Sunday 22:03:53
Back to Home
History >> Event Log
UPS and System Event Log - Page 1
Date (MM/DD/YYYY)
Time (hh:mm:ss)
Event
06/04/2006 19:15:51 Environment Security R1 Normal
06/04/2006 19:15:36 Environment Smoking R4 Normal
06/04/2006 19:15:36 Environment Fire R3 Normal
06/04/2006 19:15:36 Environment Water R2 Normal
06/04/2006 19:15:36 Environment Security R1 Alarm
06/04/2006 19:15:10 Environment Smoking R4 Alarm
06/04/2006 19:15:10 Environment Fire R3 Alarm
06/04/2006 19:15:10 Environment Water R2 Alarm
Page 1 2 3 4 5
Download Event Log File
Clear All

## OBTAINING SERVICE

1. Call your dealer for assistance. If you cannot reach your dealer, or if they cannot resolve the problem call or fax MINUTEMAN Technical Support at the following numbers; Voice phone (972) 446-7363, FAX line (972) 446-9011 or visit our Web site at www.minutemanups.com the "Discussion Board". Please have the following information available BEFORE calling the Technical Support Department.
   a. Your name and address.
   b. Where and when the unit was purchased.
   c. All of the model information about your ENV Probe.
   d. Any information on the failure.
   e. A technician will ask you for the above information and, if possible, help solve your problem over the phone. In the event that the unit requires factory service, the technician will issue you a Return Material Authorization Number (RMA #).
   f. If the ENV Probe is under warranty, the repairs will be done at no charge. If not, there will be a charge for repair.
2. Pack the ENV Probe in its original packaging. If the original packaging is no longer available, ask the Technical Support Technician about obtaining a new set. It is important to pack the ENV Probe properly in order to avoid damage in transit. Never use Styrofoam beads for a packing material.
   a. Include a letter with your name, address, daytime phone number, RMA number, a copy of your original sales receipt, and a brief description of the problem.
3. Mark the RMA # on the outside of all packages. The factory cannot accept any package without the RMA # marked on the outside.
4. Return the ENV Probe by insured, prepaid carrier to:

Para Systems Inc.
MINUTEMAN UPS
1455 LeMay Drive
Carrollton, TX 75007
ATTN: RMA #_____

## LIMITED PRODUCT WARRANTY

Para Systems Inc. (Para Systems) warrants this equipment, when properly applied and operated within specified conditions, against faulty materials or workmanship for a period of three years from the date of purchase. For equipment sites within the United States and Canada, this warranty covers repair or replacement of defective equipment at the discretion of Para Systems. Repair will be from the nearest authorized service center. Replacement parts and warranty labor will be borne by Para Systems. For equipment located outside of the United States and Canada, Para Systems only covers faulty parts. Para Systems products repaired or replaced pursuant to this warranty shall be warranted for the un-expired portion of the warranty applying to the original product. This warranty applies only to the original purchaser who must have properly registered the product within 10 days of purchase.

The warranty shall be void if (a) the equipment is damaged by the customer, is improperly used, is subjected to an adverse operating environment, or is operated outside the limits of its electrical specifications; (b) the equipment is repaired or modified by anyone other than Para Systems or Para Systems-approved personnel; or (c) has been used in a manner contrary to the product's User's Manual or other written instructions.

Any technical advice furnished before or after delivery in regard to use or application of Para Systems' equipment is furnished without charge and on the basis that it represents Para Systems' best judgment under the circumstances, but it is used at the recipient's sole risk.

Except as provided herein, Para Systems makes no warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose. Some states do not permit limitation of implied warranties; therefore, the aforesaid limitation(s) may not apply to the purchaser.

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